

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	89	nanotube with sieve	US-PGPUB; USPAT; EPO	OR	ON	2007/09/19 12:02
S1	3	"6454710"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/02/16 18:15
S2	4	"6379622"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/08/27 12:55
S3	2	"6694158"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/08/13 18:00
S4	26	"4954435"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/08/27 13:15
S5	74	"5001054"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/08/27 17:36
S6	2	"20020182658"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/08/27 14:23
S7	6145	binding and quenching and membrane	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/08/27 17:32
S8	4446	binding and quenching and membrane not @ay>"2001"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/08/27 17:33
S9	3052	binding and quenching and analog and membrane not @ay>"2001"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/08/27 17:33
S10	762	binding and ((quenching or absorption or absorb or quench) near dye) and analog and membrane not @ay>"2001"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/08/27 17:34

## EAST Search History

S11	432	"5001054" "4954435" "5143066" "5156972" "5342789" "5605152" "6040194" "6049727" "6081736" "6114038" "6121075" "6134461" "6251303" "6256522" "6274323" "6379622" "6454710"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/08/27 17:39
S12	99	("5001054" "4954435" "5143066" "5156972" "5342789" "5605152" "6040194" "6049727" "6081736" "6114038" "6121075" "6134461" "6251303" "6256522" "6274323" "6379622" "6454710") and displacement not @ay>"2001"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/08/27 17:40
S13	137	("5001054" "4954435" "5143066" "5156972" "5342789" "5605152" "6040194" "6049727" "6081736" "6114038" "6121075" "6134461" "6251303" "6256522" "6274323" "6379622" "6454710") and (competitive or displacement or displace) not @ay>"2001"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/08/27 17:51
S14	656	"3877784" "4058732" "4150295" "4344438" "4737464" "4791310" "5061076" "5143066" "5496997" "5660848" "5756115" "5814449" "5871628" "5990479" "5995860" "6002954" "6011984" "6110630" "6114350" "6163714" "6177684"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/08/27 17:48
S15	194	("3877784" "4058732" "4150295" "4344438" "4737464" "4791310" "5061076" "5143066" "5496997" "5660848" "5756115" "5814449" "5871628" "5990479" "5995860" "6002954" "6011984" "6110630" "6114350" "6163714" "6177684") and (competitive or displace or displacement) not @ay>"2001"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/08/30 16:43
S16	137	("5001054" "4954435" "5143066" "5156972" "5342789" "5605152" "6040194" "6049727" "6081736" "6114038" "6121075" "6134461" "6251303" "6256522" "6274323" "6379622" "6454710") and (competitive or displacement or displace) not @ay>"2001"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/08/30 17:05
S17	24	"5143066"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/08/30 16:15

## EAST Search History

S18	31	"5156972"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/08/30 16:16
S19	14	"5156972" and (quench or absorb)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/08/30 16:16
S20	20	("3877784" "4058732" "4150295" "4344438" "4737464" "4791310" "5061076" "5143066" "5496997" "5660848" "5756115" "5814449" "5871628" "5990479" "5995860" "6002954" "6011984" "6110630" "6114350" "6163714" "6177684") and (competitive or displace or displacement) and ((quench or absorb or quenching or absorbing or absorption) near dye) not @ay>"2001"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/08/30 16:44
S21	23	"6274323"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/08/30 16:49
S22	26	("3877784"   "4058732"   "4150295"   "4344438"   "4737464"   "4791310"   "4954435"   "5061076"   "5143066"   "5496997"   "5660848"   "5756115"   "5814449"   "5871628"   "5990479"   "5995860"   "6002954"   "6011984"   "6110630"   "6114038"   "6114350"   "6121075"   "6163714"   "6177684"   "6251303"   "6274323").PN.	USPAT	OR	ON	2004/08/30 16:51
S23	1	"6379622".URPN.	USPAT	OR	ON	2004/09/01 19:41
S24	17	"5143066".URPN.	USPAT	OR	ON	2004/08/30 16:54
S25	346	(quenching near dye) and sensor	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/08/30 16:55
S26	268	(quenching near dye) and sensor not @ay>"2001"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/08/30 16:56
S27	242	(quenching near dye) and (displace or competitive or displacement) and sensor not @ay>"2001"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/08/30 16:57

## EAST Search History

S28	79	ligler and flow and displacement	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/08/30 16:58
S29	27	("5001054" "4954435" "5143066" "5156972" "5342789" "5605152" "6040194" "6049727" "6081736" "6114038" "6121075" "6134461" "6251303" "6256522" "6274323" "6379622" "6454710") and (displacement or displace) and quench not @ay>"2001"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/08/30 17:10
S30	25	("5001054" "4954435" "5143066" "5156972" "5342789" "5605152" "6040194" "6049727" "6081736" "6114038" "6121075" "6134461" "6251303" "6256522" "6274323" "6379622" "6454710") and (displacement or displace) and membrane and quench not @ay>"2001"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/08/30 17:11
S31	0	("5001054" "4954435" "5143066" "5156972" "5342789" "5605152" "6040194" "6049727" "6081736" "6114038" "6121075" "6134461" "6251303" "6256522" "6274323" "6379622" "6454710") and (displacement or displace) and membrane and (dye near quench) not @ay>"2001"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/08/30 17:11
S32	4	("5001054" "4954435" "5143066" "5156972" "5342789" "5605152" "6040194" "6049727" "6081736" "6114038" "6121075" "6134461" "6251303" "6256522" "6274323" "6379622" "6454710") and (displacement or displace) and membrane and (dye near quenching) not @ay>"2001"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/08/30 17:11
S33	260	(quenching near dye) and membrane and sensor not @ay>"2001"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/08/30 17:12
S34	13	"6256522"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/09/01 12:56
S35	26	"4954435"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/09/01 15:29

## EAST Search History

S36	1	"cy-5" near reference	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/09/01 15:29
S37	2	alexa near "633"	USPAT	OR	ON	2004/09/01 19:41
S38	30	concanavalin and alexa	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/09/01 19:48
S39	1930	'succinimidyl ester'	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/09/01 20:14
S40	10	'succinimidyl ester' and ALEXA near "633"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/09/01 20:14
S41	6	'succinimidyl ester' and ALEXA near "633" not @ay>"2001"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/09/01 20:40
S42	23	"6274323"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/09/01 21:15
S43	250	600/317	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/09/01 21:15
S44	19	600/317 and quench	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/09/01 21:16
S45	3	600/317 and alexa	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/09/01 21:16
S46	2	600/317 and imprint	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/09/01 21:16
S72	35	seamless with device and implantable not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/02/16 13:29
S73	40	seamless with (capsule device) and implantable not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/02/16 13:58

## EAST Search History

S74	9	seamless with (capsule device) and implantable and detection not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/02/16 13:44
S75	20	seamless and (capsule device) with implantable and detection not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/02/16 14:00
S76	22	"6804544"	US-PGPUB; USPAT; EPO	OR	ON	2006/02/16 13:51
S77	3	seamless with implantable and detection not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/02/16 13:56
S78	57	"3093831"	US-PGPUB; USPAT; EPO	OR	ON	2006/02/16 13:58
S79	844	polymer and (capsule device) with implantable and detection not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/02/16 14:15
S80	25	"5143066"	US-PGPUB; USPAT; EPO	OR	ON	2006/02/16 14:15
S81	7	"611403"	US-PGPUB; USPAT; EPO	OR	ON	2006/02/16 14:19
S82	60	"6114038"	US-PGPUB; USPAT; EPO	OR	ON	2006/02/16 14:20
S83	36	"6274323"	US-PGPUB; USPAT; EPO	OR	ON	2006/02/16 14:25
S84	35	"5156972"	US-PGPUB; USPAT; EPO	OR	ON	2006/02/16 14:44
S85	22	"6177684"	US-PGPUB; USPAT; EPO	OR	ON	2006/02/16 14:45
S86	99	capsules with implantable and detection not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/02/16 14:52
S87	0	seamless and capsules with implantable and detection not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/02/16 14:47
S88	0	capsules and (seamless with coating) and implantable and detection not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/02/16 14:48

## EAST Search History

S89	1	capsules and (seamless with membrane) and implantable and detection not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/02/16 14:48
S90	121	capsules with seamless not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/02/16 14:53
S91	11	capsules with seamless and assay not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/02/16 14:54
S92	12	capsules with seamless and detection not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/02/16 15:00
S93	0	capsules with seamless and detection and implant not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/02/16 15:00
S94	8	capsule with seamless and implant not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/02/16 15:12
S95	95	"3799742"	US-PGPUB; USPAT; EPO	OR	ON	2006/02/16 15:12
S10 8	0	"6256522" and seamless	US-PGPUB; USPAT; EPO	OR	ON	2006/09/01 09:58
S10 9	18	"6256522"	US-PGPUB; USPAT; EPO	OR	ON	2006/09/01 09:58
S11 0	16	seamless with implant not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/11/03 16:05
S11 1	55	seamless same implant not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/11/03 16:10
S11 2	296	seamless and implant not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/11/03 17:28
S11 3	18	"5,342,238"	US-PGPUB; USPAT; EPO	OR	ON	2006/11/03 16:21
S11 4	20	"6256522"	US-PGPUB; USPAT; EPO	OR	ON	2006/11/03 17:34
S11 5	16	yang-nelson.xa.	US-PGPUB; USPAT; EPO	OR	ON	2006/11/03 17:34

## EAST Search History

S11 6	0	yang-nelson.xa. and wherein	US-PGPUB; USPAT; EPO	OR	ON	2006/11/03 17:35
S11 7	25	"5464438"	US-PGPUB; USPAT; EPO	OR	ON	2007/03/14 23:24
S11 8	16	SEAMLESS WITH IMPLANT NOT @AY>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2007/03/14 23:29
S11 9	1	SEAMLESS WITH IMPLANT AND TRANSPARENT NOT @AY>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2007/03/14 23:25
S12 0	2	"6,123,700"	US-PGPUB; USPAT; EPO	OR	ON	2007/03/14 23:29
S12 1	42	seamless with implant	US-PGPUB; USPAT; EPO	OR	ON	2007/09/18 16:58
S12 2	16	seamless with implant not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2007/09/18 16:10
S12 3	160	"5342283"	US-PGPUB; USPAT; EPO	OR	ON	2007/09/18 16:17
S12 4	3	seamless same implant and fluorescence not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2007/09/18 16:10
S12 5	2360	coating and implant and fluorescence not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2007/09/18 16:11
S12 6	399	polymer with coating and implant and fluorescence not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2007/09/18 16:15
S12 7	0	contiguous with polymer with coating and implant and fluorescence not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2007/09/18 16:15
S12 8	15	implant same fluorescence and permeable not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2007/09/18 16:57
S12 9	382	"4,353,888"	US-PGPUB; USPAT; EPO	OR	ON	2007/09/18 16:21
S13 0	319	"4,353,888" and implant	US-PGPUB; USPAT; EPO	OR	ON	2007/09/18 16:21



## EAST Search History

S13 1	87	"4,353,888" and implant and fluorescence not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2007/09/18 16:21
S13 2	19	"5738673"	US-PGPUB; USPAT; EPO	OR	ON	2007/09/18 16:57
S13 3	0	encapsulate with implant and fluorescence not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2007/09/18 16:58
S13 4	0	encapsulate same implant and fluorescence not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2007/09/18 16:58
S13 5	0	encapsulate and implant and fluorescence not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2007/09/18 16:59
S13 6	0	encapsulate and implant not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2007/09/18 16:59
S13 7	233	encapsulate same implant not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2007/09/18 16:59
S13 8	16	encapsulate same implant and fluorescent not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2007/09/18 17:02
S13 9	1	seamless with coatings and implant and fluorescent not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2007/09/18 17:02
S14 0	157	"4702228"	US-PGPUB; USPAT; EPO	OR	ON	2007/09/18 17:03
S14 1	8	"6694158"	US-PGPUB; USPAT; EPO	OR	ON	2007/09/18 17:03
S14 2	5	encapsulated with implant and seamless not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2007/09/19 12:02